

IN THE SPECIFICATION:

Please [delete paragraphs X, / replace the following paragraphs, / and add the following new paragraphs].

[Include paragraph as amended identified by page, paragraph number or "On page X, in the paragraph beginning on line Y:" showing additions underlined and deletions in strikethrough. For deletion of five characters or fewer and if strikethrough cannot be easily perceived, double brackets *may* be used.]

IN THE CLAIMS:

Please amend the claims as follows:

1. (Withdrawn) A process to produce a molded carbon alloy material at process temperatures below the melting point of carbon comprising:
  - selecting a carbon containing feed source as a carbon base for the carbon alloy material to be produced;
  - controlling ash content of the feed source by measurement and adjustment to a desired ash content;
  - adjusting reactivity of the feed source by heating the feed source to a temperature below the melting point of carbon to increase the surface area and the internal void volume of the feed source or by adding and blending a feed modifier into a homogeneous mixture with the feed source or by a combination of heating, and adding and blending a feed modifier into a homogeneous mixture with the feed source;
  - molding the feed source and any added and blended feed modifier under pressure and at a temperature below the melting point of carbon to produce a shaped material;
  - curing the molded shaped material;